



Mark Parkinson, Governor  
Betty Wright, Executive Director

KANSAS DENTAL BOARD

[www.kansas.gov/kdb](http://www.kansas.gov/kdb)

April 7, 2010

REF #CE10-27

Anesthesia Education and Safety Foundation, Inc.  
Dr. David Canfield  
14742 FM 981  
Blue Ridge, TX 75424

RE: Sedation LEVEL I Permit course approval, Continuing Education Approval

Dear Dr. Canfield,

The Kansas Dental Board's sedation course review member has approved your application for continuing education credit for the following course and has approved the course for Kansas dentists as meeting the standards required for training for a Level I permit for adult conscious sedation:

"Enteral Conscious Sedation and Management of Office Medical Emergencies: A Comprehensive Review"

The Board has approved this course for **18 hours** of CE. You must give certificates to those attendees **UPON COMPLETION** of the course. Without a certificate of completion, the Kansas Dental Board will not recognize the continuing education. You may reference the number above on your certificate for identification.

You might be interested to know that the Kansas Dental Board does accept any continuing education approved by the ADA Continuing Education Recognition Program (C.E.R.P). In order to receive approval as an ADA CERP provider you must contact the American Dental Association, Continuing Education Recognition Program. Their address is 211 E. Chicago Ave., Chicago, IL 60611. They also have a web site available at <http://www.ada.org>.

Sincerely,

Vanda Collins  
Senior Administrative Assistant

CE 10-27

STATE OF KANSAS  
KANSAS DENTAL BOARD  
900 SW Jackson, Room 564-S  
Topeka KS 66612  
Phone (785) 296-6400  
Fax (785) 296-3116

APPLICATION FOR APPROVAL OF A COURSE THAT  
WILL MEET THE INITIAL REQUIREMENTS FOR KANSAS LEVEL I PERMIT:  
ENTERAL CONSCIOUS SEDATION OR COMBINATION INHALATION-ENTERAL  
CONSCIOUS SEDATION (K.A.R. 71-5-10)

Title of Course: Enteral Conscious Sedation and Management of Office Medical Emergencies:  
A Comprehensive Review

Date: Various (last program February 19-20, 2010)

Location: Houston, Texas

Approximate Number of Participants: 38

Actual number of Clock Hours of the Course: 18 hours

Clinicians/Instructors Names and Credentials (if additional sheets are attached, please note):

**David Canfield, DDS**, Dental Anesthesiologist (Certificate-2 year residency in General Anesthesia), private practice; Professor-Anesthesia, AEGD Residency Program, Veterans Administration Hospital; Consultant and Anesthesia Provider, Department of Aging and Disability Services, State of Texas; Anesthesia Consultant, Texas State Board of Dental Examiners; Fellow in General Anesthesia, American Dental Society of Anesthesiology; Diplomate, American Dental Board of Anesthesiology; Diplomate, National Dental Board of Anesthesiology; Certified and Registered Hypnotherapist

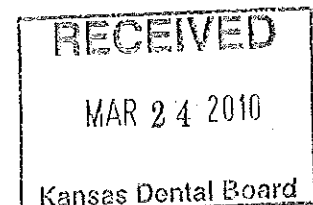
**Clark Whitmire, DMD, JD** Dental Anesthesiologist (Certificate-2 year 9 months residency in General Anesthesia), private practice; Attorney; Professor, (anesthesia)-Department of Oral and Maxillofacial Surgery, University of Texas at Houston, Dental Branch; Fellow, American College of Legal Medicine; Anesthesia Consultant, Texas State Dental Board; Risk Management Seminar Presenter, Fortress Insurance Company

Sponsor: Anesthesia Education and Safety Foundation, Inc. (CE credits provided by either Baylor College of Dentistry or the UT Houston, Dental Branch)

Coordinator/Contact Person: Dr. David Canfield

Address: 14742 FM 981, Blue Ridge, Texas 75424

Telephone Number: (214) 384-0796



Email address: sedationce@aol.com

I certify that this course:

X Provides comprehensive training in the administration and management of enteral conscious sedation or combination inhalation-enteral conscious sedation

X Includes training in patient evaluation and selection, use of equipment, personnel requirements, monitoring, documentation, patient medical management, and emergency management

X Includes a minimum of 18 hours of education and 20 clinical experiences, which may be simulation or video presentations, or both, but shall include at least one experience in which a patient is deeply sedated and returned to consciousness.

Debra W. Canfield for  
Signature of applicant Anesthesia Education and Safety Foundation

3-23-10  
Date

Is this course already AGD PACE or ADA CERP approved? X Yes  
\_\_\_\_\_ No

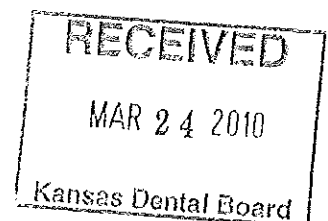
(PACE or CERP approval is not required, but information about prior approval may assist in the processing of this application)

-If this course is approved, the Kansas Dental Board may make information about the approval of, and contacts for this course available on the Board web site or in other communications.

-If the course content changes substantially in the future, you must send an agenda or course outline, with a copy of this original application or the approval letter you received from the Kansas Dental Board, with a summary of changes made.

-Notify the Kansas Dental Board when you discontinue this course.

**Please attach agenda or course outline and return this completed application to the Kansas Dental Board, 900 SW Jackson Room 564-S, Topeka KS 66612**



## Enteral Conscious Sedation and Management of Office Medical Emergencies: A Comprehensive Review

### Course Contents and Agenda

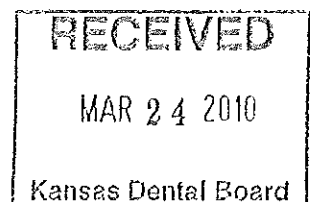
#### DAY 1

6 Hours: Patient assessment and preparation, treatment parameters, assessment and management of emergencies, including specific anesthesia emergencies (i.e. obstructed airway due to over-sedation or physiologic parameters, over-sedation with reversal of sedative agents, hypoventilation, vomiting with potential aspiration, and others)

3 Hours: Pharmacology and Techniques including reversal of medications. Included is pediatrics and geriatrics.

Incorporated in Day 1 are numerous videos and patient examples. Additionally, an interactive audience response system is utilized where there is the ability for continuous participant feedback, thereby enabling a prompt assessment of understanding.

Also, techniques are discussed in the initial segment so sedative drugs and techniques can be applied to particular medical histories and management scenarios.



## Day 2

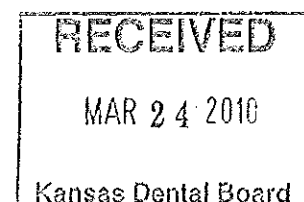
4 Hours: Principles of Office-Based Anesthesia, Patient Preparation

2 Hours: Patient sedation techniques including recovery and discharge.

3 Hours: Monitoring including function of monitors and necessary parameters.

Documentation. Recovery and Discharge. Test.

Included are numerous cases which we've either reviewed or acted in the capacity as an expert witness.



Anesthesia Education and Safety Foundation, Inc.  
14742 FM 981  
Blue Ridge, Texas 75424  
(214) 384-0796

March 23, 2010

Ms. Betty Wright  
Executive Director  
Kansas Dental Board

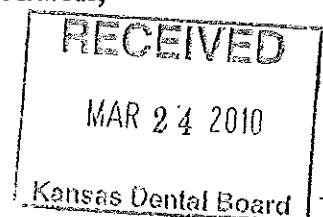
Re: Enteral Sedation Program

I am program director for the Enteral Sedation Program, 'Enteral Sedation and Management of Office Emergencies: A Comprehensive Review'. This program is 18 hours in duration and meets the ADA requirements for teaching of anesthesia and pain control with regards to the minimal sedation requirement, or corresponding to the Level I Permit for the State of Kansas.

The program is entirely academic (no marketing techniques or promotions) with approximately 40+ clinical experiences. These ranged from patient assessment issues, management of emergencies and actual sedation cases.

A description of some clinical experiences are to follow. The program itself consists of extensive patient evaluation and management including potential medical emergencies (and subsequent management), in-depth pharmacology, sedation techniques, principles of office-based anesthesia, and monitoring and documentation. Additionally, components on pediatrics and geriatrics are also presented.

The first section consists of pre-treatment patient evaluation including extensive airway evaluation including Mallampati Classification,



LEMON and BONES rules and criteria for determining patients with difficult to maintain airways when sedated and those who will present difficulty in ventilation if a compromise does occur. Additionally, blood pressure and pulse parameters, respiratory evaluation, height, weight and BMI are addressed.

Extensive medical history evaluation, patient management based upon this evaluation and subsequent emergency management is addressed. This is accomplished with extensive patient videos to emphasize particular teaching points.

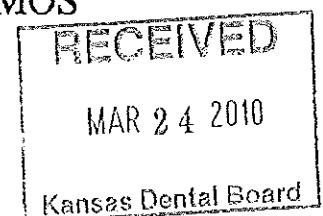
This section includes 24 scheduled clinical experiences (additional ones are added based upon particular student needs) ranging from allergic reactions, MI, anxiety responses and panic attack, COPD, asthma, syncope, diabetes and actual patients (and subsequent management ) experiencing hyperventilation, grand mal seizure, airway obstruction due to sedation, airway compromise with associated tracheal tug and abdominal contraction, and laryngospasm. Specific anesthesia related emergencies such as over-sedation, hypoventilation, airway obstruction, disorientation, and nausea and vomiting (including pulmonary aspiration) are discussed.

The section on pharmacology and techniques employs a minimum of 8 clinical experiences including diazepam, triazolam, and lorazepam sedations with specific recommendations for clinical cases. Additionally, pediatrics and geriatrics is also addressed.

Criteria for medication reversal is addressed with demonstrations via both the intravenous and intramuscular route with flumazenil.

Additional medication groups discussed include opioids, phenothiazines, anti-histamines, antisialogogues, and anti-emetics.

The section on Office-Based Anesthesia prepares the doctor with the necessities to provide safe anesthesia using extensively AAMOS



parameters as the core. It encompassed in-depth patient evaluation and potential ramifications, physical examination, airway issues, necessary laboratory studies, consultations, ASA assessment, and cardiac and respiratory risk. This encompasses and additional 6 clinical experiences.

Additional pharmacology and techniques, primarily from the clinical perspective include another 4 videos with diazepam, triazolam and lorazepam sedations with the patients comparing their varying experiences.

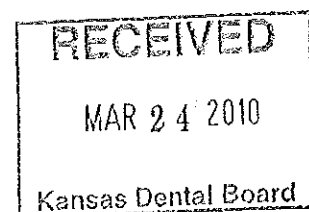
Anesthesia monitoring addresses sedation definitions and assessing depth of sedation. Monitors and functions with subsequent patient oxygenation, ventilation, and cardiac function are evaluated in-depth including monitoring pitfalls and errors.

Recovery and discharge criteria and documentation is covered. Cases presented are monitoring cases as well as a discussion of cases with adverse outcomes.

Included are consents, pre-and post-procedure instructions and other necessary documents. Additionally, office responsibilities, emergency preparation, emergency protocols, and a management flow chart is provided.

The program not only incorporates extensive video experiences, but also utilizes an interactive audience response system to continually assess the teaching-learning progress. This system allows the participants to answer questions during the program with a remote response. Main points can be re-emphasized or additional material addressed as needed.

The knowledge and experience of Dr. Whitmire and myself are extensive. We both are practicing dental-anesthesiologists with academic appointments and also are practicing clinicians. We also are often asked to provide expert opinions and serve as expert witnesses on





behalf of dental boards and also malpractice cases. Dr. Whitmire, in addition to being a practicing dental anesthesiologist, is also an attorney. He is utilized by Fortress Insurance Company as a presenter for their Risk Management Seminars.

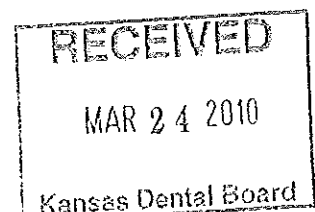
I would like to have our program listed as an approved program for Kansas. If you have any questions, please feel free to contact me personally at the above number. I will be pleased to discuss any aspect of our program. Thank you for your help.

Regards,



Dr. David W. Canfield

Fellow in General Anesthesia, American Dental Society of Anesthesiology  
Diplomate, American Dental Board of Anesthesiology  
Diplomate, National Dental Board of Anesthesiology



562 to KC3-24-10

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Blue Ridge, Texas 75424  
(214) 384-0796

March 23, 2010

Ms. Betty Wright  
Executive Director  
Kansas Dental Board

Total 9 pages  
including cover  
letter

Re: Enteral Sedation Program

Dear Ms. Wright, *Thank you!!*

Thank you for the opportunity to submit my program for formal approval. Attached are the application, program description and a break-down of hours.

I will be happy to send the entire manual for review, if requested. Please let me know if there is anything else I need to do.

Although Anesthesia Education and Safety Foundation, Inc. is responsible for the program arrangements and implementation, continuing education credits are provided by either Baylor College of Dentistry or the University of Texas at Houston Dental Branch.

Regards,



Dr. David W. Canfield

Fellow in General Anesthesia, American Dental Society of Anesthesiology  
Diplomate, American Dental Board of Anesthesiology  
Diplomate, National Dental Board of Anesthesiology

